

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	1	("20040105569").PN.	US-PGPUB; USPAT	OR	OFF	2010/05/20 14:15
L2	1	L1 and (recover\$3 decod \$3 extract\$4)	US-PGPUB; USPAT	OR	ON	2010/05/20 14:16
L3	5598	(envelop\$3 near3 function)	US-PGPUB; USPAT	OR	ON	2010/05/20 15:51
L4	33	L3 and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/20 15:51
L5	10	L3 and (water\$1mark\$3 near5 (detect\$4 decod\$3 extract\$4 read\$3))	US-PGPUB; USPAT	OR	ON	2010/05/20 15:52
L7	5	L5 and L6	US-PGPUB; USPAT	OR	ON	2010/05/20 15:53
L8	70	wave\$1length with (water \$1mark\$3)	US-PGPUB; USPAT	OR	ON	2010/05/20 17:15
L9	29	L8 and L6	US-PGPUB; USPAT	OR	ON	2010/05/20 17:16
L10	635	(detect\$4 recover\$3 decod\$3 extract\$4 read \$3) near2 (function formula equation) same water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/20 17:46
L11	314	L10 and L6	US-PGPUB; USPAT	OR	ON	2010/05/20 17:47
L12	76	(detect\$4 recover\$3 decod\$3 extract\$4 read \$3) near2 (function formula equation) same (phase near5 (Index indices))	US-PGPUB; USPAT	OR	ON	2010/05/20 17:48
L13	24	L12 and L6	US-PGPUB; USPAT	OR	ON	2010/05/20 17:48
L14	0	e adj2 SUP?ikr	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L16	0	e adj SUP?ikr	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L17	0	e adj SUP?ik	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57

L18	28	e adj SUP?i	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L19	0	e adj SUP?ir	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L20	1	e adj SUP?kr	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L21	14	e adj SUP?k	US-PGPUB; USPAT	OR	ON	2010/05/20 17:57
L22	28	L18 NOT L21	US-PGPUB; USPAT	OR	ON	2010/05/20 17:59
L23	5	((("7154560") or ("20040105569") or ("20030215112") or ("7065237") or ("4881268")).PN.	US-PGPUB; USPAT	OR	OFF	2010/05/20 18:06
L24	0	L23 and ((average mean) with (gr\$1y\$2scale))	US-PGPUB; USPAT	OR	ON	2010/05/20 18:07
L25	29	(brightness lightness luminance) adj6 ((average mean) with (gr \$1y\$2scale))	US-PGPUB; USPAT	OR	ON	2010/05/20 18:07
L26	8	L25 and L6	US-PGPUB; USPAT	OR	ON	2010/05/20 18:07
L27	0	L26 and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/20 18:08
L28	1	(US-20020138974-\$).did.	US-PGPUB	OR	ON	2010/05/20 18:37
S1	13613	(water\$1mark\$3 or stegano\$5)	US-PGPUB; USPAT	OR	ON	2008/06/18 16:55
S2	340	(robust\$4 or strength or endurance or fragil\$4) with (bright\$4 or light\$4 or lumian\$3) and S1	US-PGPUB; USPAT	OR	ON	2008/06/18 16:58
S3	6	(robust\$4 or strength or endurance or fragil\$4) with (bright\$4 or light\$4 or lumian\$3) with (block or area or region or group) and S1	US-PGPUB; USPAT	OR	ON	2008/06/18 16:59
S4	43	("5530759"   "5568570"   "5602760"   "5848155"   "5862260"   "5915027"   "6049627").PN. OR ("6222932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2008/06/18 17:04
S5	1	("4910460").PN.	US-PGPUB; USPAT	OR	OFF	2008/07/22 10:51

S6	1	("6285775").PN.	US-PGPUB; USPAT	OR	OFF	2010/05/18 17:44
S7	50	("5530759"   "5568570"   "5602760"   "5848155"   "5862260"   "5915027"   "6049627").PN. OR ("6222932").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/18 17:55
S8	632	(correlation relation\$5 connect\$4 associati\$3 link \$4 interconnection correspondence interdependence) near6 (brightness lightness luminance light\$5 ((pixel "picture element" image pel) near2 intensity)) and water\$1mark\$3	US-PGPUB; USPAT; USOCR	OR	ON	2010/05/18 18:19
S9	625	(correlation relation\$5 connect\$4 associati\$3 link \$4 interconnection correspondence interdependence) near6 (brightness lightness luminance light\$5 ((pixel "picture element" image pel) near2 intensity)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/18 18:19
S10	610	(correlation relation\$5 connect\$4 associati\$3 link \$4 interconnection correspondence interdependence) near6 (brightness lightness luminance light\$5 (average adj2 (pixel "gr \$1y\$1scal\$3") adj2 (intensity value))) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/18 18:21
S11	37	(correlation relation\$5 connect\$4 associati\$3 link \$4 interconnection correspondence interdependence) near6 (brightness (average adj2 (pixel "gr\$1y\$1scal \$3") adj2 (intensity value))) and water\$1mark \$3	US-PGPUB; USPAT	OR	ON	2010/05/18 18:22
S13	23	S11 and S12	US-PGPUB; USPAT	OR	ON	2010/05/18 18:22

S14	18	(correlation relation\$5 connect\$4 associat\$3 link\$4 interconnection correspondence interdependence) near6 (brightness (average adj2 (pixel "gr\$1y\$1scal\$3") adj2 (intensity value))) same water \$1mark\$3	US-PGPUB; USPAT	OR	ON	2010/05/18 18:23
S15	12	(correlation relation\$5 connect\$4 associat\$3 link\$4 interconnection correspondence interdependence) near6 (brightness (average adj2 (pixel "gr\$1y\$1scal\$3") adj2 (intensity value))) same water \$1mark\$3 and S12	US-PGPUB; USPAT	OR	ON	2010/05/18 18:23
S16	12	(US-20030228031-\$ or US-20030128860-\$ or US-20030026450-\$ or US-20020090110-\$ or US-20020186886-\$).did. or (US-5825892-\$ or US-7308110-\$ or US-7130442-\$ or US-7068811-\$ or US-7062067-\$ or US-6628802-\$ or US-6577744-\$).did.	US-PGPUB; USPAT	OR	ON	2010/05/18 18:37

**EAST Search History (Interference)**

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**5/20/2010 6:39:23 PM****C:\Documents and Settings\jzheng\My Documents\EAST\Workspaces\@Docket Search History\10720292\_additional search at appeal brief filed.wsp**

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S178	13	S177 same (transform\$5) same (block\$3 region area window) same (bright \$1ness light\$4 intensity)	US-PGPUB; USPAT	OR	ON	2010/05/18 10:57
S177	5808	((detect\$3 or discern\$3 or discriminat\$3 or determin \$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat \$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2010/05/18 10:57
S176	2	(S173 S174) and (PIUE and water\$1mark\$3 and DCT).clm.	US-PGPUB; USPAT	OR	ON	2010/05/18 10:48
S175	4	(S173 S174) and (PIUE and water\$1mark\$3).clm.	US-PGPUB; USPAT	OR	ON	2010/05/18 10:48
S173	280	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2010/05/18 10:47
S174	3628	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2010/05/18 10:47
S172	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 16:26
S171	8	((("6385329") or ("20020157005") or ("20020176114") or ("20030159046") or ("20040153649") or ("20040236951") or ("20030053653") or ("20010040979")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 16:23
S101	140	S100 and S99	US-PGPUB; USPAT	OR	ON	2007/11/16 16:23
S153	0	(envelope near2 function) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S122	0	("2006/0045306").URPN.	USPAT	OR	ON	2007/11/16 13:07

S117	0	((detect\$4 determin\$5 near3 function) with (Hankel adj1 transform\$5))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S169	1	(US-6711276-\$).did.	USPAT	OR	ON	2007/11/16 13:07
S165	1	(lattice with sum with odd) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S164	1	S163 and lattice	USPAT	OR	ON	2007/11/16 13:07
S163	1	(US-6332030-\$).did.	USPAT	OR	ON	2007/11/16 13:07
S161	1	S160 and (sinusoid sine)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S156	1	S154 and envelope	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S154	1	("7065237").PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S150	1	S146 and sinusoid and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S144	1	(envelope adj1 function) and S136	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S143	1	(e\$1sup\$1i\$1k\$1r\$1) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S137	1	S136 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S162	2	(lattice with sum with (odd even)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S152	2	(envelope near2 function) and (scott near1 rogers). xp,xa.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S147	2	((sinusoid envelope) near2 function) same (detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S140	2	(envelope same inverse) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S120	2	("6069914"   "6823455"). PN. OR ("6993151").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S107	2	((("20050114668") or ("20050114667")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S160	3	(US-20040105569-\$ or US- 20030215112-\$).did. or (US-7065237-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S148	3	S146 and S133	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S132	3	((detect\$4 determin\$5) near3 function) same (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S116	3	("2003/0053653").URPN.	USPAT	OR	ON	2007/11/16 13:07
S110	3	((("20030053653") or ("20010040979") or ("6385329")).PN.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S105	3	(S103 S104) and (PIUE). clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S98	3	("5825892"   "6317115"   "6332194").PN.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S89	3	(S87 S88) and (PIUE).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S145	5	(envelope adj1 function) and watermark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S97	5	S93 and S92	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S90	5	(S87 S88) and (water \$1mark\$3 and transform \$5).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S166	6	(US-20060045306-\$ or US- 20050114668-\$ or US- 20040105569-\$ or US- 20030215112-\$).did. or (US-7065237-\$ or US- 6332030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S125	6	S111 same (transform\$5) same (block\$3) same (bright\$1ness light\$4 intensity)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S159	7	S157 and S136	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S141	9	S136 and (posta\$3 stamp)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S168	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S167	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S155	10	("20010017709"   "20010030759"   "20020002679"   "20020061118"   "20040015363"   "20050013436"   "20050036613"   "6539106"   "6798893"   "6839673").PN. OR ("7065237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S170	11	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S131	12	((detect\$4 determin\$5) near3 function) with (e and i and k and r)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S138	13	S136 and (detect\$4 near7 (function formula))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S139	14	S133 and S135	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S151	15	envelope near2 function and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07



S126	15	((detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) same ((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) near5 ((bright\$5 light\$5 luminance intensi) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S121	15	("5768426"   "5905800"   "5949885"   "5960081"   "6272634").PN. OR ("6823455").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S106	16	(S103 S104) and (water \$1mark\$3).clm.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S142	17	(envelope same inverse) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S119	23	S111 same (transform\$5) same (block\$3 window group area cluster) same (bright\$1ness light\$1ness luminance light\$3 intensity)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S136	25	(US-20060045306-\$ or US-20050114668-\$ or US-20050111027-\$ or US-20050114667-\$ or US-20030053653-\$ or US-20030142846-\$ or US-20060020802-\$ or US-20040030899-\$ or US-20030026453-\$ or US-20020080995-\$ or US-20040105569-\$ or US-20030128861-\$ or US-20030215112-\$ or US-20020126870-\$).did. or (US-6768807-\$ or US-6823455-\$ or US-6993151-\$ or US-6804379-\$ or US-6728408-\$ or US-6590996-\$ or US-6185312-\$ or US-	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

		6317115-\$ or US-5825892-\$ or US-6332194-\$ or US-6711276-\$).did.				
S129	35	("20030028497"   "3136424"   "3995741"   "4117975"   "4637051"   "4800505"   "5051914"   "5075862"   "5098130"   "5190210"   "5267754"   "5429249"   "5513563"   "5535279"   "5539190"   "5635694"   "5666284"   "5666421"   "5712916"   "5717597"   "5778076"   "5917925"   "5953426"   "6029883"   "6081827"   "6104812"   "6188996"   "6289323"   "6321992"   "6330672").PN. OR ("6804379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/11/16 13:07
S130	40	((detect\$4 determin\$5) near3 function) with (i and k and r)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S128	70	((detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and (((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensity) near3 ((image data pixel pel (picture adj1 element) (image adj1 information)))))) and ((detect\$4 determin\$5) near3 function)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S96	129	S94 and S92	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S123	140	S111 and S113	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S103	191	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S87	191	((Robert near1 Cordery) (Claude near1 Zeller) (Bertrand near1 Haas)).in.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S149	193	S146 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S127	218	(detect\$3 or discern\$3 or discriminat\$3 or determin \$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat \$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and (((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S118	283	S111 same (transform\$5) same (block\$3 window group area cluster)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S113	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S100	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S93	385	(358/3.28).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S92	413	(detector or detect\$4) near5 (steganograph\$4 or ((digital\$4 or electronic\$4) near4 water\$1mark\$4) or ((data or information) near4 (hid\$4 or embed\$4))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S115	809	S111 same (transform\$5)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S112	819	S111 and S102	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S124	1336	S111 and S114	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S95	1336	S94 and S91	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S158	2215	over\$1lap\$4 near5 ((block tile segment) near3 (pixel pel (picture adj1 element) data))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S114	2556	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S94	2556	(382/100).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S102	2624	(713/176).CCLS.	US-PGPUB; USPAT	OR	OFF	2007/11/16 13:07
S146	3178	envelope near2 function	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S104	3191	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S88	3191	(Pitney near1 Bowes).as.	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S133	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S111	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S99	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S91	4004	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S135	5412	((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) with S134	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S157	24148	over\$1lap\$4 near5 (block tile segment)	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S134	41553	((bright\$5 light\$5 luminance intensiy) near6 (((block\$3 area group) near4 (image data pixel pel (picture adj1 element) (image adj1 information))))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S108	93721	((Fourier adj1 Transform\$5) (Fast adj1 Fourier adj2 Transform\$5) (Discrete adj1 Cosine adj2 Transform\$5) DCT (Inverse adj1 Fourier adj2 Transform\$5) (wave\$1let adj1 Transform\$5) ((F\$1T\$1 F\$1F\$1T\$1 I \$1F\$1T\$1 F\$1T\$1 D\$1C\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07
S109	94616	((Fourier adj1 Transform\$5) or (Fast adj1 Fourier adj2 Transform\$5) or (Discrete adj1 Cosine adj2 Transform\$5) or DCT (Inverse adj1 Fourier adj2 Transform\$5) or (wave\$1let adj1 Transform\$5) or (Discrete adj1 Fourier adj2 Transform\$5) or ((F\$1T\$1 F\$1F\$1T\$1 I\$1F\$1T\$1 F\$1T\$1 D\$1C\$1 D\$1F\$1) near1 (transform\$5)))	US-PGPUB; USPAT	OR	ON	2007/11/16 13:07

S86	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06
S85	11	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did. or (US-6711276-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:06
S84	1	(US-6711276-\$).did.	USPAT	OR	ON	2007/06/04 22:05
S83	10	(US-20040030899-\$ or US-20030053653-\$ or US-20030026453-\$ or US-20020126870-\$).did. or (US-7065237-\$ or US-6993151-\$ or US-6823455-\$ or US-6804379-\$ or US-6728408-\$ or US-6185312-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:05
S82	6	(US-20060045306-\$ or US-20050114668-\$ or US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$ or US-6332030-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 22:01
S81	1	(lattice with sum with odd) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
S78	2	(lattice with sum with (odd even)) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 21:26
S80	1	S79 and lattice	USPAT	OR	ON	2007/06/04 21:17
S79	1	(US-6332030-\$).did.	USPAT	OR	ON	2007/06/04 21:17
S77	1	S76 and (sinusoid sine)	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47
S76	3	(US-20040105569-\$ or US-20030215112-\$).did. or (US-7065237-\$).did.	US-PGPUB; USPAT	OR	ON	2007/06/04 20:47

S75	7	S73 and S53	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
S74	2086	over\$1lap\$4 near5 ((block tile segment) near3 (pixel pel (picture adj1 element) data))	US-PGPUB; USPAT	OR	ON	2007/06/04 17:31
S73	22933	over\$1lap\$4 near5 (block tile segment)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:30
S67	2	(envelope same inverse) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22
S72	16	(envelope same inverse) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 17:22
S71	1	S68 and envelope	US-PGPUB; USPAT	OR	ON	2007/06/04 17:15
S68	1	("7065237").PN.	US-PGPUB; USPAT	OR	OFF	2007/06/04 17:14
S70	9	S53 and (posta\$3 stamp)	US-PGPUB; USPAT	OR	ON	2007/06/04 17:06
S69	10	("20010017709"   "20010030759"   "20020002679"   "20020061118"   "20040015363"   "20050013436"   "20050036613"   "6539106"   "6798893"   "6839673").PN. OR ("7065237").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/04 17:02
S66	0	(envelope near2 function) and (digimarc).as.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:58
S65	2	(envelope near2 function) and (scott near1 rogers). xp,xa.	US-PGPUB; USPAT	OR	ON	2007/06/04 16:57
S64	14	envelope near2 function and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:56
S63	1	S60 and sinusoid and (water\$1mark\$3 or steganograph\$2)	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S62	182	S60 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S60	3035	envelope near2 function	US-PGPUB; USPAT	OR	ON	2007/06/04 16:46
S61	3	S60 and S49	US-PGPUB; USPAT	OR	ON	2007/06/04 16:45

S58	2	((sinusoid envelope) near2 function) same (detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:44
S59	1	S53 and sinusoid	US-PGPUB; USPAT	OR	ON	2007/06/04 16:43
S49	3624	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or identify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2))	US-PGPUB; USPAT	OR	ON	2007/06/04 16:42
S56	1	(envelope adj1 function) and S53	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
S57	4	(envelope adj1 function) and watermark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:34
S55	1	(e\$1sup\$1i\$1k\$1r\$1) and water\$1mark\$3	US-PGPUB; USPAT	OR	ON	2007/06/04 16:33
S54	13	S53 and (detect\$4 near7 (function formula))	US-PGPUB; USPAT	OR	ON	2007/06/04 14:54
S53	25	((US-20060045306-\$ or US-20050114668-\$ or US-20050111027-\$ or US-20050114667-\$ or US-20030053653-\$ or US-20030142846-\$ or US-20060020802-\$ or US-20040030899-\$ or US-20030026453-\$ or US-20020080995-\$ or US-20040105569-\$ or US-20030128861-\$ or US-20030215112-\$ or US-20020126870-\$).did. or (US-6768807-\$ or US-6823455-\$ or US-6993151-\$ or US-6804379-\$ or US-6728408-\$ or US-6590996-	US-PGPUB; USPAT	OR	ON	2007/06/04 14:49



		\$ or US-6185312-\$ or US-6317115-\$ or US-5825892-\$ or US-6332194-\$ or US-6711276-\$).did.				
S52	13	S49 and S51	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
S51	5041	((correlat\$3 relat\$4 connect\$3 correspond\$3 associat\$3 affiliat\$3 concern\$4) with S50	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
S50	39120	((bright\$5 light\$5 luminance intensiy) near6 ((block\$3 area group) near4 (image data pixel pel (picture adj1 element) (image adj1 information)))	US-PGPUB; USPAT	OR	ON	2007/06/04 12:34
S47	0	((detect\$4 determin\$5) near3 function) with (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S48	3	((detect\$4 determin\$5) near3 function) same (Hankel adj1 transform\$5)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S46	9	((detect\$4 determin\$5) near3 function) with (e and i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:23
S45	37	((detect\$4 determin\$5) near3 function) with (i and k and r)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22
S43	66	(detect\$3 or discern\$3 or discriminat\$3 or determin\$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat\$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and ((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensiy) near3 (image data pixel pel (picture adj1 element) (image adj1 information)))) and ((detect\$4 determin\$5) near3 function)	US-PGPUB; USPAT	OR	ON	2007/06/03 16:22

S44	34	("20030028497"   "3136424"   "3995741"   "4117975"   "4637051"   "4800505"   "5051914"   "5075862"   "5098130"   "5190210"   "5267754"   "5429249"   "5513563"   "5535279"   "5539190"   "5635694"   "5666284"   "5666421"   "5712916"   "5717597"   "5778076"   "5917925"   "5953426"   "6029883"   "6081827"   "6104812"   "6188996"   "6289323"   "6321992"   "6330672").PN. OR ("6804379").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2007/06/03 16:21
S42	199	((detect\$3 or discern\$3 or discriminat\$3 or determin \$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat \$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) and (((block\$3 area group) near5 ((bright\$5 light\$5 luminance intensly) near3 (image data pixel pel (picture adj1 element) (image adj1 information))))))	US-PGPUB; USPAT	OR	ON	2007/06/03 16:00
S41	15	((detect\$3 or discern\$3 or discriminat\$3 or determin \$5 or distinguish\$3 or indentify\$3 or identification or recogni\$4 or differentiat \$3 or find\$3 or obtain\$3 or extract\$3) with ((digital or code or data or information or signal) near5 (water\$1mark\$3 or steganograph\$2)) same (((correlat\$3 relat\$4 connect \$3 correspond\$3 associat \$3 affiliat\$3 concern\$4) near5 ((bright\$5 light\$5 luminance intensly) near3 (image data pixel pel (picture adj1 element) (image adj1	US-PGPUB; USPAT	OR	ON	2007/06/03 15:58